



TITLE:

Vol.18表紙・総目次・Record of Works for 1967

AUTHOR(S):

CITATION:

Vol.18表紙・総目次・Record of Works for 1967. PUBLICATIONS OF THE SETO MARINE BIOLOGICAL LABORATORY 1971, 18(6)

ISSUE DATE:

1971-03-31

URL:

<http://hdl.handle.net/2433/175647>

RIGHT:

KYOTO UNIVERSITY

PUBLICATIONS OF THE SETO MARINE BIOLOGICAL LABORATORY

Volume XVIII



PUBLISHED BY THE LABORATORY
SIRAHAMA, WAKAYAMA-KEN, JAPAN
1970-1971

CONTENTS

No. 1 (September 16, 1970)

1. **WERNER, B.:** Contribution to the evolution in the genus *Stephanoscyphus* (Scyphozoa Coronatae) and ecology and regeneration qualities of *Stephanoscyphus racemosus* KOMAI. 1
2. **NAGAO, Z.:** The metamorphosis of the Anthomedusa, *Polyorchis karafutoensis* KISHINOUE. 21
3. **SAKAI, K.:** A small collection of thalassinids from the waters around Tsushima Islands, Japan, including a new species of *Callianassa* (Crustacea, Anomura). 37
4. **SAKAI, K.:** A new coral burrower, *Upogebia trybeta* sp. nov. (Crustacea, Thalassinidea) collected from Amami-Oshima, Japan. 49
5. **TOKIOKA, T.:** Contributions to Japanese ascidian fauna. XXV. Notes on the variation in *Botrylloides violaceus* OKA, with the description of a new subspecies *tenuicoecus*. 57
6. **NISHIMURA, S.:** Recent records of Baird's beaked whale in the Japan Sea. 61

No. 2 (October 20, 1970)

7. **ILLG, P.L.:** Occurrence in Sagami Bay, Japan, of *Scolecodes*, a remarkable copepod parasite of ascidians. 69
8. **TOKIOKA, T.:** Ascidians from Mindoro Island, the Philippines. 75
9. **TANAKA, O. and M. OMORI:** Additional report on calanoid copepods from the Izu Region. Part 3-A. *Euaetideus*, *Aetideopsis*, *Chiridius*, *Gaidius*, and *Gaetanus*. 109

No. 3 (November 25, 1970)

10. **TANAKA, O. and M. OMORI:** Additional report on calanoid copepods from the Izu Region. Part 3-B. *Chirundina*, *Undeuchaeta*, *Pseudeuchaeta*, *Valdiviella*, and *Chiridiella*. 143
11. **UTINOMI, H.:** New and rare commensal pedunculate cirripeds from Amakusa Islands, western Kyusyu, Japan. 157
12. **ILLG, P.L.:** Report on ascidicole Copepoda collected during the Melanesia Expedition of the Osaka Museum of Natural History, Osaka, Japan. 169
13. **IWATA, F.:** Studies on the development of the crab, *Pugettia quadridens* (DE HAAN). I. Hatching and zoeae. 189
14. **BABA, K. and I. HAMATANI:** Occurrences of specimens presumably identifiable with *Stiliger ornatus* EHRENBERG, 1831 at Seto, Kii, Middle Japan (Opisthobranchia: Sacoglossa). 199

15. **NAKAYAMA, Y.:** Successive changes of the vertical distribution of *Aidanosagitta delicata* (TOKIOKA) at a fixed station in a cove of Tanabe Bay. 207

No. 4 (December 15, 1970)

16. **BABA, K. and I. HAMATANI:** The anatomy of *Ercolania boodlea* (BABA, 1938) from Seto, Kii, Middle Japan (Opisthobranchia: Sacoglossa). 215
17. **HUMES, A.G.:** *Paramacrochiron japonicum* n. sp., a cyclopoid copepod associated with a medusa in Japan. 223
18. **SENAWONG, C.:** Biological studies of a littoral mussel, *Hormomya mutabilis* (GOULD). I. Preliminary observations on the moving ability. 233
19. **YOSHIDA, K.:** Studies on germling development and life-history in Ulvaceae and Monostromaceae. Part II. 243
20. **TOKIOKA, T.:** Droplets from the plankton net. XXV. Record of a *Rostraria* from Seto. 257

No. 5 (January 30, 1971)

21. **YOSII, R.:** Halophilous Collembola of Japan. 279
22. **SAWADA, K.:** Aleocharinae (Staphylinidae, Coleoptera) from the campus of the Seto Marine Biological Laboratory. 291
23. **UTINOMI, H.:** Records of Pycnogonida from shallow waters of Japan. 317
24. **MORINO, H.:** Record of *Typhlotanais*, a tube-building paratanaid crustacean from Seto. 349

No. 6 (March 31, 1971)

25. **HARADA, E.:** A new amphipod of the genus *Siphonoecetes* from the shallow bottom of Southern Japan, with reference to the diagnoses of the genus and its species. 355
26. **KOBAYASHI, N.:** Fertilized sea urchin eggs as an indicatory material for marine pollution bioassay, preliminary experiments. 379
27. **SENAWONG, C. and T. TOKIOKA:** Notes on *Herdmania momus* (SAVIGNY) from the Gulf of Thailand. 407
- Oceanographic data** at the S.M.B.L., 1970. 413
- Composition of a fixed sea urchin colony** on Hatakejima Island, 1970. 420
- Bioassay data for marine pollution** using sea urchin eggs, 1970. 421
- Record of works** done at the Seto Marine Biological Laboratory (published in 1967). 425

RECORD OF WORKS **DONE AT THE SETO MARINE BIOLOGICAL LABORATORY**

1967 (昭和42年)

	Contribution No. (Jap. No.)
ARAGA, Chuichi [荒賀忠一]: The third specimen of the ghost pipefish, <i>Solenostomus paegnius</i> JORDAN & THOMPSON, from Tanabe Bay. Publ. Seto Mar. Biol. Lab., 15 (1), 1-4.	464
———: 表層魚の飼育について 2・3 の考察と飼育例. 動水誌, 9 (2), 35-41. [ARAGA, Ch.: Some problems in keeping the pelagic fishes in the aquarium. J.J.A.Z.A., 9 (2), 35-41]. (Jap. 173)	
*———: 南紀沿岸産魚類の稀種紹介 その1. 南紀生物, 9 (2), 35-39. [ARAGA, Ch.: Introduction of some rare species of fishes from Southern Kii Region. Nanki Seibutu, 9 (2), 35-39]. (Jap. 176)	
*朝山新一: アカウミガメ <i>Caretta caretta</i> (LINNÉ) の生殖巣形成. 動物学雑誌, 76 (11/12), 410. [ASAYAMA, Shin-ichi: Formation of gonads in <i>Caretta caretta</i> (LINNÉ). Zool. Mag., 76 (11/12), 410].	
BABA, Kikutaro: Supplementary notes on the anatomy of <i>Metaruncina setoensis</i> (BABA, 1954) (n.g.) (Opisthobranchia-Cephalaspidea). Publ. Seto Mar. Biol. Lab., 15 (3), 185-197, pls. II-V.	470
FUJINO, T. and S. MIYAKE: Two species of pontoniid prawns commensal with bivalves (Crustacea, Decapoda, Palaemonidae). Ibid., 15 (4), 291-296.	474
GAMO, Sigeo: Studies on the Cumacea (Crustacea, Malacostraca) of Japan. Part I. Ibid., 15 (2), 133-163. ———: Ditto. Part II. Ibid., 15 (4), 245-274.	
HAMATANI, Iwao: Notes on velligers of Japanese opisthobranchs (7). Ibid., 15 (2), 121-131.	467
HOSHINO, Z. and T. TOKIOKA: An unusually robust <i>Ciona</i> from the northeastern coast of Honsyu Island, Japan. Ibid., 15 (4), 275-290, pl. VII.	473
IMAJIMA, Minoru: The Syllidae (Polychaetous Annelids) from Japan (VI). Distribution and literature. Ibid., 14 (5), 353-368.	
IZAWA, Kunihiro: On a new parasitic copepod, <i>Taeniacanthus canthigasteri</i> n. sp., found on <i>Canthigaster rivulata</i> (Crustacea, Cyclopoida, Bomolochidae). Rep. Fac. Fish. Pref. Univ. Mie, 6 (1), 29-40.	
KOBAYASHI, Naomasa [小林直正]: Spawning periodicity of sea urchins at Seto.	

- I. *Mespilia globulus*. Publ. Seto Mar. Biol. Lab., **14** (5), 403-414, pls. XII-XIII. **463**
- *————— : ウニの卵形成の周期性. 動物学雑誌, **76**(11/12), 394.
[KOBAYASHI, N.: Periodicity of egg-formation of sea urchins. Zool. Mag., **76** (11/12), 394].
- and K. NAKAMURA: Spawning periodicity of sea urchins at Seto.
- II. *Diadema setosum*. Publ. Seto Mar. Biol. Lab., **15** (3), 173-184. **469**
- *松谷幸司 : カ類の幼虫の温度・塩分順応 (I). 動物学雑誌, **76**(11/12), 371.
[MATUTANI, Koji: Acclimatization to temperature and salinity in larvae of the mosquito *Aedes togoi*. (I). Zool. Mag., **76** (11/12), 371].
- NISHIMURA, Saburo [西村三郎]: The loggerhead turtles in Japan and neighboring waters (Testudinata: Cheloniidae). Publ. Seto Mar. Biol. Lab., **15** (1), 19-35. **465**
- : Male first pleopods of the majid brachyurans *Chionoecetes opilio* (O. FABRICIUS) and *C. japonicus* RATHBUN. Ibid., **15** (3), 165-171. **468**
- : ケツギョ類の起源と分化. 大阪自然科博研報, no. 20, 13-30.
[NISHIMURA, S.: Origin and hisotry of the Far-Eastern freshwater serranid *Siniperca* and its allied genera (Teleostei: Percida). Bull. Osaka Mus. Nat. Hist., no. 20, 13-30]. (Jap. **172**)
- *————— : アカウミガメとヒメウミガメ. 南紀生物, **9** (1), 4-8.
[NISHIMURA, S.: *Caretta caretta* (LINNÉ) and *Lepidochelys olivacea* (ESCHSCHOLTZ). Kanki Seibutu, **9** (1), 4-8]. (Jap. **174**)
- *————— : 日本海の隔離時代—生物地理学からの1試論. 日本海, no. 1, 6-11.
[NISHIMURA, S.: The isolation period of the Japan Sea, a discussion from a biogeographical point of view. Nihonkai, no. 1, 6-11].
- *————— : カイダコの漂着. 採集と飼育, **29**(6), 204-205.
[NISHIMURA, S.: Occurrence of the paper nautilus, *Argonauta argo* L., in the Japanese waters. Collect. & Breed., **29** (6), 204-205].
- *————— : 魚類の奇形3例. 同上誌, **29**(12), 421-423.
[NISHIMURA, S.: Three cases of anomalies found in fishes; a monophthalmic *Theragra chalcogramma*, a humpbacked *Oncorhynchus gorboscha*, and a hermaphroditic *O. keta*. Ibid., **29** (12), 421-423].
- *————— : カイダコの殻. Nature Study, **13** (1), 2-6.
[NISHIMURA, S.: The shell of *Argonauta*. Nature Study, **13** (1), 2-6].
- ・原幸治 : 日本近海における *Caretta* と *Lepidochelys* (カメ目: ウミガメ科). 爬虫両生類学雑誌, **2** (3), 31-35.
[NISHIMURA, S. and Koji HARA: The status of the sea turtles of the genera *Caretta* and *Lepidochelys* in Japanese waters (Testudinata: Cheloniidae). Acta Herpetol. Japon., **2** (3) 31-35]. (Jap. **170**)
- and Toru YASUDA: Records of the hawksbill turtle, *Eretmochelys imbricata* (LINNÉ), in the Japan Sea. Publ. Seto Mar. Biol. Lab., **15** (4), 297-302. **475**

- *岡崎嘉代・小林剛：ウニ骨片の生長に関係する結晶学的要素. 動物学雑誌, **76** (11/12), 413.
 [OKAZAKI, Kayo and Takeshi KOBAYASHI: Crystallogological elements in relation to the growth of spicules in sea urchins. Zool. Mag., **76** (11/12), 413].
- SAITO, Yuzuru: Studies on Japanese species of *Laurencia*, with special reference to their comparative morphology. Mem. Fac. Fish. Hokkaido Univ., **15** (1), 1-81, pls. 1-18.
- TANASE, Hidetomo [田名瀬英朋]: Preliminary notes on zoea and megalopa of the giant spider crab, *Macrocheira kaempferi* DE HAAN. Publ. Seto Mar. Biol. Lab., **15** (4), 303-309. **476**
- *—————: タカアシガニ幼生の飼育について. 動水誌, **10** (2), 46-48.
 [TANASE, H.: Laboratory rearing of larvae of the giant spider crab, *Macrocheira kaempferi* DE HAAN. J.J.A.Z.A., **10** (2), 46-48]. (Jap. **177**)
- TOKIOKA, Takasi: On a small collection of ascidians from the vicinity of Nhatrang, Viet Nam. Publ. Seto Mar. Biol. Lab., **14** (5), 391-402. **462**
- : Review of MILLAR's Tunicata Ascidiacea (Marine Invertebrates of Scandinavia, no. 1), published by Universitets Forlaget, Oslo, 1966. Ibid., **14** (5), 390.
- : Contributions to Japanese ascidian fauna. XXII. Ascidians from Sado Island (2). Ibid., **15** (3), 239-244. **472**
- : Pacific Tunicata of the United States National Museum. U.S. Nat. Mus. Bull. 251, 1-247.
- UMEZAKI, Isamu: On a microscopic phase in the life cycle of *Nemalion pulvinatum* GRUNOW (Nemalionaceae, Rhodophyta). Publ. Seto Mar. Biol. Lab., **15** (4), 311-318, pls. VIII-X. **477**
- UTINOMI, Huzio [内海富士夫]: Occurrence of a new pedunculate cirriped on a small Spanish lobster *Scyllarus bicuspidatus* (DE HAAN) from Kamae Bay, northeastern Kyusyu. Ibid., **15** (2), 117-120. **466**
- : Comments on some new and already known cirripeds with emended taxa, with special reference to the parietal structure. Ibid., **15** (3), 199-237, pl. VI. **471**
- : Re-examination of *Lithoglyptes indicus* sensu BROCH (Cirripedia, Acrothoracica). Crustaceana, **12** (3), 320.
- *—————: 島島・神島の自然環境に関する文献目録. 南紀生物, **9** (1), 1-3.
 [UTINOMI, H.: Bibliography of the natural environment of the islands Hatakejima and Kasima. Nanki Seibutu, **9** (1), 1-3]. (Jap. **175**)
- *—————: 瀬戸臨海実験所. 京都大学(編), 京都大学七十年史, 500-504.
 [UTINOMI, H.: Seto Marine Biological Laboratory. Kyoto Univ. (ed.), History of 70 years of the Kyoto University since its foundation, 500-504].

APPENDIX TO 1966 RECORD OF WORKS:

- *内海富士夫・菊池泰二：甲殻蔓脚類. 天草臨海実験所近海の生物相, 第6集, 11 pp.
[UTINOMI, H. and Taiji KIKUCHI: Cirriped Crustacea. Fauna and flora of the sea around the Amakusa Marine Biological Laboratory, Part VI, 11 pp.]

* Japanese text only.